



Magnet Programs  
School Choice



Tucson High Magnet School  
Governing Board Presentation  
September 13, 2016



# Magnet Programs School Choice





# THMS History:

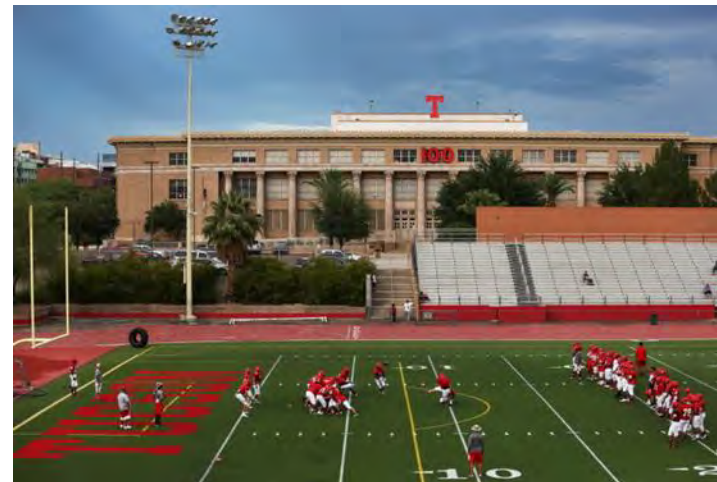
- Oldest operating high school in Arizona
- September 10, 1906- the first high school in Tucson started classes
- 1908- moved to the newly constructed building at 501 E. 6<sup>th</sup> St (Roskruge Magnet Middle School)
- 1924- Tucson High School's Main building was completed





# THMS History:

- Main building was designed by Architect Henry O. Jaastad at a cost of \$750,000
- National Registry of Historic Places
- 1924- first class = 175 students
- 1956- largest high school in the United States with 6800 students
- 2016- 3186 students







# Magnet History:

- 1984- Tucson High declared a Magnet
  - Science & Technology
  - Performing & Visual Arts
- 2004- \$9.6 million Math Grant awarded to TUSD/THMS: Math becomes a Magnet strand
- 2014-Current Magnet Strands
  - Fine & Performing Arts
  - Natural Sciences





# Fine & Performing Arts:

- Theater Arts
  - Drama
  - Film Acting
  - Musical Theater
- Music
  - Band
  - Choir
  - Guitar
  - Mariachi
  - Music Theory
  - Orchestra
  - Piano
  - Steel Drums
- Dance
  - Ballet
  - Folklorico
  - Jazz
  - Modern
- Visual Arts
  - AP Art History
  - AP Studio Art
  - Clay & Ceramics
  - Drawing & Painting
  - Graphic & Web Design (CTE)
  - Photography (CTE)
  - Digital Printing (CTE)



**ART ALMQUIST**

**2016 REBA ROBERTSON FINE ARTS TEACHER OF THE YEAR**

**2013 PEOPLE MAGAZINE TEACHER OF THE YEAR**



# Steel Drums:

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Steel Drums at the Disneyland  
Performing Arts Institute





- TUCSON HIGH MARIACHI PERFORMS FOR 11,000 AT A 2015 NATIONAL POLITICAL RALLY!





# THMS Marching 100!

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# Choir:

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# Tucson High Orchestra at Davis Hall in San Francisco!



# Awards:



## – Visual Arts

- 10 students created 18 pieces of artwork currently being displayed in Raul Grijalva's office
- Student artwork displayed in the U.S. Capitol building, Washington, D.C.
- Memory Project- nonprofit organization that invites students to create portraits for youth around the world who face substantial challenges



## – Theatre

- Feliz Torralba , Shakespeare Monologue Competition, 3<sup>rd</sup> place
- Gino Cocchi, National High School Musical Theater Award





# Awards:



## – Music

- Orchestra

- Heritage Festival in Los Angeles, 1st Place High School Orchestra
- Fall Orchestra Festival- Superior with Distinction

- Choir

- Five distinct choirs plus an afterschool Men's Ensemble
- Represented in U of A Honor Choir, Regional Honor Choir, and Arizona All-State Honor Choir
- NAU Jazz and Madrigal Festival- Superior rating
- Arizona State Choir Festival- Superior with Distinction







# Community Engagement:

## – Music

- Steel Drums

- Jovert performed for over 50,000 people around the Southwest including at the following locations:

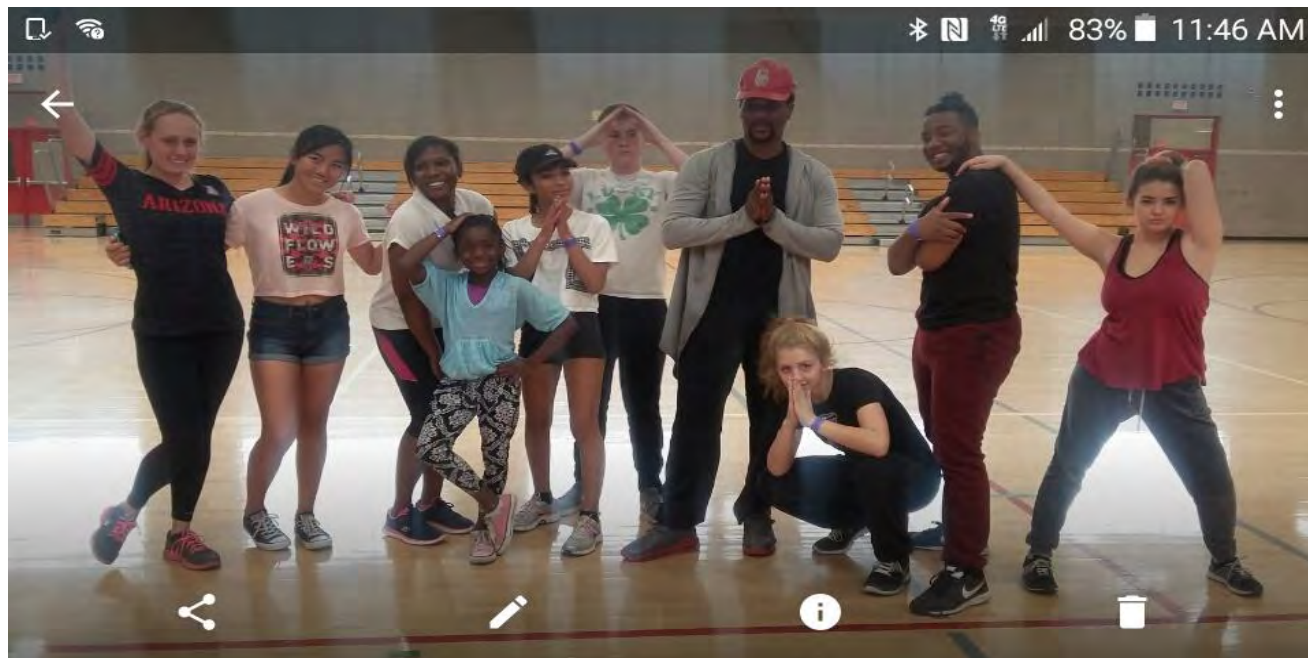
- » The Tucson Children’s Museum
    - » Reid Park Zoo (multiple invitations and performances)
    - » 4th Ave Street Fair
    - » All Souls Processional
    - » Winterhaven
    - » Tohono Chul Park Festival of Lights
    - » DesertView Performing Arts Center (featured performer)
    - » Sun City Vistoso
    - » Disneyland and several California and Arizona Schools





# Innovative Instruction:

- J.R. Taylor, dance workshop
- Thelonious Monk Institute, music
- Rickerby Hinds, dance workshop, Hip Hop Theater Professor





THMS attended the Magnet Schools of America Conference where we were awarded the Magnet School of Distinction Award, May 2016





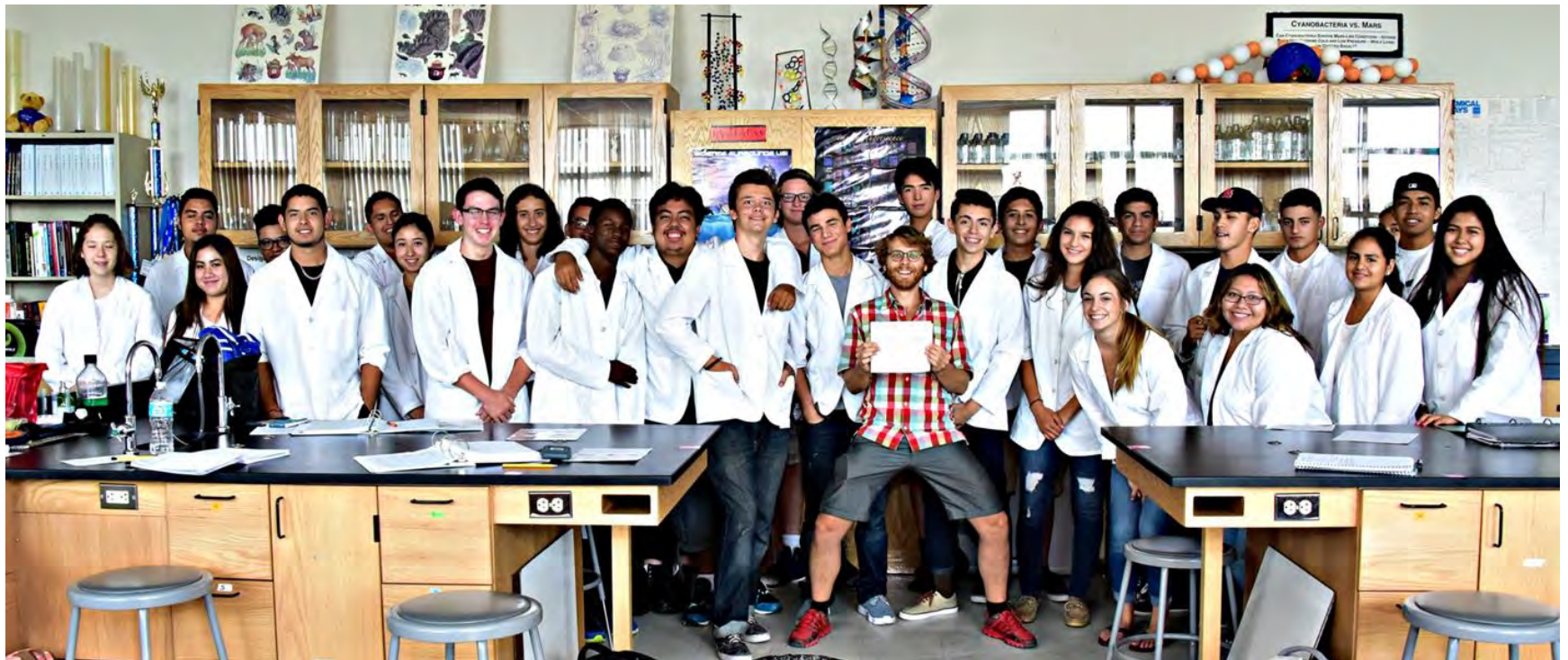


# Natural Science:

- Anatomy/Physiology
- Astronomy/Planetary Science
- Biology
- Biotechnology
- Chemistry
- Conceptual Physics
- Earth & Space
- Forensics
- Geology
- Marine Biology
- Physics
- Plant Sciences
- Research Methods
- STEM: Science & Sustainability



# Mr. Jeremy Jonas, Biotechnology teacher, with his students and his AFCEA Grant!





# Our Biotechnology students collaborate with over 60 labs at the University of Arizona for their individual research projects

- Dr. Margaret Wilch,
- Honorary Ph.D. from U of A
  - Finalist for President's Award
  - Finalist for Circle K Teacher of the Year







# Awards:

- Science and CTE Collaboration
  - Solar Go-cart competition, 1<sup>st</sup> place
- Science
  - MESA
  - SARSEF





# CTE- State Champions!

TUCSON HIGH SCHOOLS AWARD WINNING GRAPHIC DESIGN PROGRAM

THE RED ARMY

TUCSON HIGH

2015 State Champions

RED ARMY HOLD FAST GRAPHIC DESIGN EST. 2012 TUCSON ARIZONA ACADEMIC BRAND

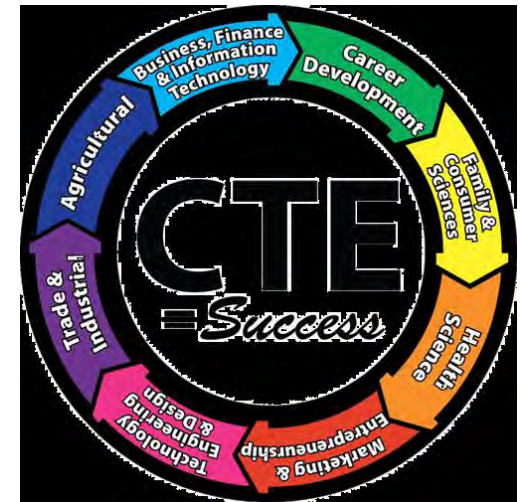
ADVERTISING DESIGN & SHIRT DESIGN ON TO NATIONALS...



# Awards:



- Career & Technical Education
  - Journalism
    - 1<sup>st</sup> place Walsworth Publishing Company's best of show last three years
  - Photography
    - Skills regional 1st, 2nd and 3rd place
    - Skills State 2nd and 3rd place
    - Nature conservancy contest, 2nd place
    - CCP high school day, 1st place
  - Future Business Leaders of America (FBLA)
    - 1<sup>st</sup> place, Accounting, Global Business
    - 2<sup>nd</sup> place, Emerging Business Issues, Hospitality, Marketing, Parliamentary Procedure
    - Global Business, 1<sup>st</sup> place





# Awards:

## Career & Technical Education



- DECA (Marketing)

- Internationally certified Gold School Based Enterprise (SBE) through DECA for our school store: the Badger Den
- Over 40 regional winners at DECA competitions over the course of eight years
- 14 state winners that qualify for nationals over the last six years



- Student Council

- 2106-2017 – Hosted the Southern Arizona AASC Spirit Leadership Conference with over 800 students and Advisors
- 2015-2016 - Awarded Honorable Mention Council of Distinction by AASC
- 2015-2016 – Outstanding Advisor of the Year Nominee for the state of Arizona (1 of 11)
- 2014-2015 - Awarded Council of Distinction by AASC



# Magnet information:

- 7 period day in order for our students to participate in our magnet offerings
- Magnet Students are in every classroom
  - Over 53% of our students are Non-neighborhood (1704)
    - 966 Fine/Performing Arts
    - 197 Math/Science
    - 464 Natural Sciences
    - 77 Open Enrollment



# Magnet numbers:



## Magnet Ethnicity- Numbers

	12th Grade	11th Grade	10th Grade	9th Grade
Asian	4	3	4	6
Black	13	14	19	31
Hispanic	386	298	283	258
Native American	23	16	17	21
Pacific Islander	0	1	0	1
Two or More Races	14	7	10	17
White	50	43	81	84
Total	490	382	414	418

## Magnet Ethnicity- Percentage

	12th Grade	11th Grade	10th Grade	9th Grade
Asian	4%	>1%	1%	1%
Black	2%	4%	5%	7%
Hispanic	79%	78%	68%	62%
Native American	5%	5%	4%	5%
Pacific Islander	0	>1%	0	>1%
Two or More Races	3%	2%	2%	4%
White	10%	11%	19%	20%





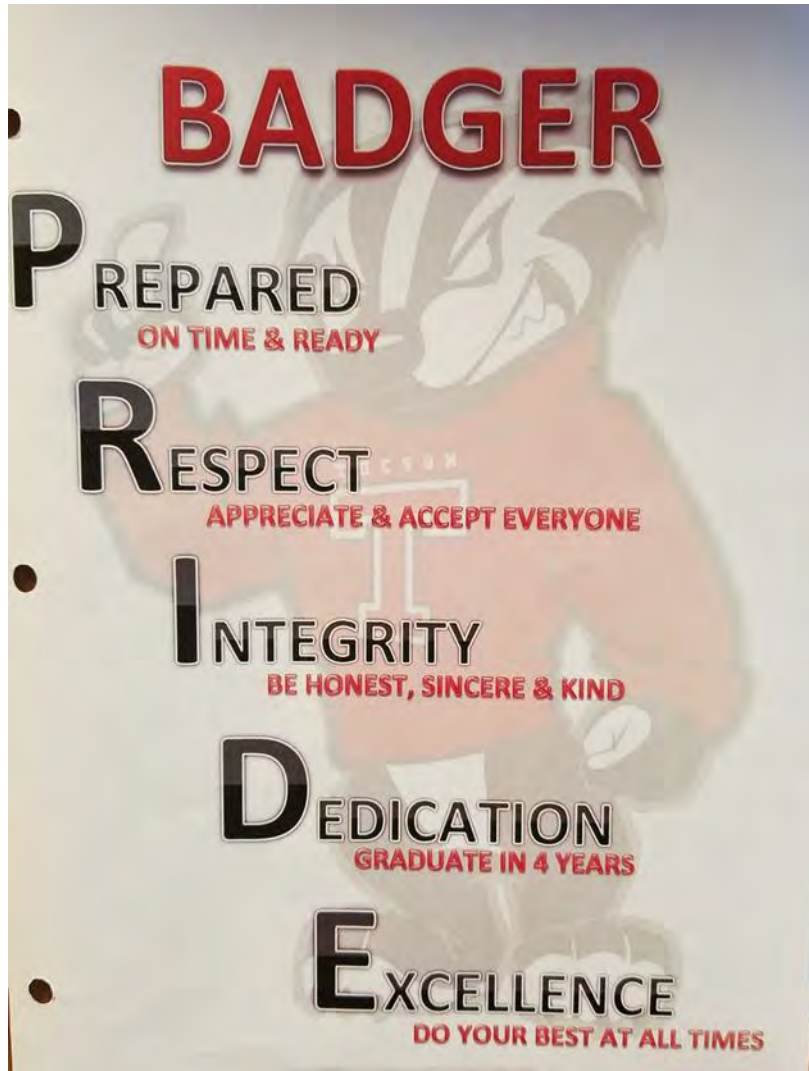
## Recruiting:

- Recruiting at focused Middle Schools and Community events
- USP demographics have been met in the magnet strands for the classes of 2019 and 2020
- Our biggest recruiting event:  
Magnet Open House  
Wednesday, October 26  
5:30-8:00



# PBIS at THMS: Badger Pride!

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- Restorative Practices
- Buddy Classrooms/Reflective Sheet
- Badger Bucks
- Badgers of the Month
- Student of the Quarter





**18 AP classes-  
30 Sections!**

## Advanced Learning Opportunities:

- Advanced Placement

- AP Art History (1)
- AP Biology (1)
- AP Calculus AB (2)
- AP Calculus BC (1)
- AP Chemistry (1)
- AP English Language (2)
- AP English Literature (3)
- AP French Language (1)
- AP Government (3)

- Advanced Placement

- AP Human Geography (1)
- AP Music Theory (1)
- AP Physics: Mechanics 2 (1)
- AP Psychology (1)
- AP Spanish Language (1)
- AP Statistics (1)
- AP Studio Art (2D Design) (2)
- AP United States History (3)
- AP World History (4)



# Culturally Relevant Opportunities:



# 15 CRC Sections

# Advanced Learning Offerings:



- Pima Community College Concurrent Dual Credit

- History 141

- University of Arizona Dual Credit

- Philosophy 101- Ethics, Economy, and Entrepreneurship (Economics)

- Molecular & Cellular Biology 101 (Biotech 1, 2)

- Molecular & Cellular Biology 102 (Biotech 3, 4)







# Cross-Curricular Happenings:

- Cross-curricular Planning/Teaching
  - Botanical drawings (Science/Visual Arts)
  - Film as Anthropology (Social Studies, CTE, Fine Arts)
  - Greek and Elizabethan Theater (Stage Management, English, Theater)
  - Auto-English (English and Auto-Tech)

- PLCs

- Wide array of PLC groups focusing on student achievement
- Over 70 teachers participating in extended PLCs (after-school)
  - Continuation of PLC
  - Cross-curricular PLCs addressing Magnet strands and/or student achievement





# Cross-Curricular Happenings:

- Writing Center
  - Support before and after school
- “TEE” time
  - Writing across the curriculum (all subject areas)
- Common Formative Assessments
  - Focus on common expectations between all disciplines (i.e. literacy, common vocabulary)





# Community Partnerships

- Biotechnology students conduct individual research projects in various research labs at the University of Arizona
- Borderlands and Rogue Theatre
- CTE programs have numerous partnerships with the Tucson business community
- Partnerships with local businesses (i.e. 4<sup>th</sup> Avenue Business District)
- Eller College of Management and the Marching 100
- Sierra Club Youth Outdoors
- Sky School
- Wildcat Writers
- Poetry Out Loud
- Dance partnership with
- UA Presents and DIAVOLO Dance Company







# TUCSON HIGH HAS OVER 80 CLUBS!

## Meet our newest members of the Gardening and Sustainability Club



# Julian Martinez – Badger legacy!







Mayor Rothschild at THMS.

As he kicks off Attendance Awareness Month on the front steps of the Main Building, the mayor says he is “proud to say my father and my daughter graduated from Tucson High!”

